COMMERCIAL LANDMINE CLEARANCE

MANAGEMENT OF QUALITY, FINANCE & RISK

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MY WORK

LENANON 2002-2005

Dated but....

Principles relevant today
DONOR - EMIRATES

1. Safe and timely return of brothers to their land

2. Best Practice

3. Value for Money
THE CHALLENGE

• + MOU
• + Good Access
• + Local Population
• + Fenced & Signed Known Minefields
• + NMAO IMAS - MACC SL

• - Large Area
• - Incomplete Information
• - No details of contents of known hazard areas
• - Booby Traps
INCOMPLETE INFORMATION

• + UNIFIL Maps
• - No NTS

• Task Definition:
  – Known Minefields & Booby Traps
  – Encountered Minefields
  – Reported Minefields

• Defined Contract Areas
INTERNATIONAL INTEREST

• 31 Companies

• 10 attended Briefing in Country

• 10 Bids

• Technical Assessment of Bids

• 4 Bidders to Financial Negotiations

• 2 Contracts Awarded
QUALITY

• Procedures
  – IMAS
  – TSG
  – SOP

• MACC SL QA Manager & Contractor

• Any Failures cleared and QA again
FINANCE

- Fixed Price
- Fixed Term
- 25% Advanced Payment
- 10% Mobilisation
- 5% Performance Bond

- Balance Monthly tied to Completions
RISK ELEMENTS

• Standing of Contractor
• Defined Tasks
  – Expertise of Contractor
  – Price Quoted
• Standards - QA
• Time - 24 Months

• Performance
  – Progress to Target Time
  – Bond
RISK OFFSET ONTO CONTRACTORS

• Their Assessment of Task

• Their Price

• Their Quality of Work

• Their Deployed Assets/Speed of Work
### LANDMINE VICTIMS IN LEBANON

<table>
<thead>
<tr>
<th>Year</th>
<th>Mortalities</th>
<th>Total Number of Victims</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>12</td>
<td>101</td>
</tr>
<tr>
<td>2001</td>
<td>14</td>
<td>90</td>
</tr>
<tr>
<td>2002</td>
<td>4</td>
<td>42</td>
</tr>
<tr>
<td>2003(^1)</td>
<td>2</td>
<td>15</td>
</tr>
</tbody>
</table>

(Source: Landmine Resource Center, Balamand University, Lebanon)

(Note: 1. Total figures for 2003, up to and including September.)
THANK YOU

• People Returned on Handover

• Quality through MACC SL & IMAS

• Reduction in Casualties

• Value for Donor